

PTO-1449	Application No.		Applicant(s)	
	Docket Number 069204.0234		Group Art Unit	Filing Date July 25, 2003

**Information Disclosure Citation
In an Application**

Mohammed N. Islam

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D	4,685,107	08/04/1987	Kafka et al.	372	6	
E	4,699,452	10/13/1987	Mollenauer et al.	350	96.16	10/28/1985
F	4,720,684	01/19/1988	Byron	330	4.3	07/22/80
G	4,740,974	04/26/1988	Byron	372	3	
H	4,831,616	05/16/1989	Huber	370	3	
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M	5,039,199	08/13/1991	Mollenauer et al.	359	334	12/29/1989

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Y	Masuda et al., "Ultrawide 75-nm 3-dB Gain-Band Optical Amplification with Erbium-Doped Fluoride Fiber Amplifiers and Distributed Raman Amplifiers," IEEE Photonics Technology Letters, Vol. 10, No. 4, pp. 516-518	04/1998
Z	Masuda et al., "Wide-Band and Gain-Flattened Hybrid Fiber Amplifier Consisting of an EDFA and a Multiwavelength Pumped Raman Amplifier," IEEE Photonics Technology Letters, Vol. 11, No. 6, pp. 647-649	06/1999
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EXAMINER

DATE CONSIDERED

DEANDRA M. HUGHES

July 30, 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,050,183	09/17/1991	Duling, III			
B	5,058,974	10/22/1991	Mollenauer	385	27	10/06/1989
C	5,078,464	01/07/1992	Islam	385	122	11/07/1990
D	5,101,456	03/31/1992	Islam	385	27	11/07/1990
E	5,107,360	04/21/1992	Huber	359	124	
F	5,115,488	05/19/1992	Islam et al.	385	129	05/10/1991
G	5,117,196	05/26/1992	Epworth et al.	359	333	04/23/1990
H	5,132,976	07/21/1992	Chung et al.	372	6	
I	5,134,620	07/28/1992	Huber	372	6	
J	5,140,456	08/18/1992	Huber	359	341	04/08/1991
K	5,151,908	09/29/1992	Huber	372	6	
L	5,153,762	10/06/1992	Huber	359	125	
M	5,159,601	10/27/1992	Huber	372	6	
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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	C	5,191,586	03/02/1993	Huber	372	6	
	D	5,191,628	03/02/1993	Byron	385	27	10/29/1991
	E	5,200,964	04/06/1993	Huber	372	26	
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	G	5,210,631	05/11/1993	Huber et al.	359	132	
	H	5,212,579	05/18/1993	Huber et al.	359	182	
	I	5,218,655	06/08/1993	Mizrahi	385	39	
	J	5,222,089	06/22/1993	Huber	372	9	
	K	5,224,194	06/29/1993	Islam	385	122	04/02/1991
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	S	Spirit et al., "Systems Aspects of Raman Fibre Amplifiers," Optical Amplifiers for Communication, IEEE Proceedings, Vol. 137, Pt. J, No. 4, pp. 221-224					08/1990
	T	Mollenauer et al., "Soliton Propagation in Long Fibers with Periodically Compensated Loss," IEEE Journal of Quantum Electronics, Vol. QE-22, No. 1, pp. 157-173					01/1986
	U	Marhic, et al., "Cancellation of Stimulated-Raman-Scattering Cross Talk in Wavelength-Division-Multiplexed Optical Communication Systems by Series or Parallel Techniques," Optical Society of America, Vol. 15, No. 3, pp. 958-963					1998
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Z	S.R. Chinn, "Analysis of Counter-Pumped Small-Signal Fibre Raman Amplifiers," Electronics Letters, Vol. 33, No. 7, pp. 607-608					03/27/1997	
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>Deandra Hughes</i> A B C D E F G H I J K L M	A	5,243,609	09/07/1993	Huber	372	9	
	B	5,251,642	10/12/1993	Handlos	128	774	06/06/1991
	C	5,257,124	10/26/1993	Glaab et al.	359	124	08/15/1991
	D	5,268,910	12/07/1993	Huber	372	6	
	E	5,271,024	12/14/1993	Huber	372	6	07/27/1992
	F	5,283,686	02/01/1994	Huber	359	337	
	G	5,293,545	03/08/1994	Huber	359	111	07/27/1992
	H	5,295,016	03/15/1994	Van Deventer	359	347	
	I	5,295,209	03/15/1994	Huber	385	37	11/10/1992
	J	5,301,054	04/05/1994	Huber et al.	359	132	
	K	5,321,543	06/14/1994	Huber	359	187	
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	S	Inoue et al., "Wavelength Conversion Experiment Using Fiber Four-Wave Mixing," IEEE Photonics Technology Letters, Vol. 4, No. 1, pp. 69-72					01/1992
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	V	Inoue et al., "Polarisation insensitive wavelength conversion using a light injected DFB-LD with a loop configuration," Electronics Letters, Vol. 30, No. 5, pp. 438-439					03/1994
	W	Hansen et al., "Repeaterless transmission experiment employing dispersion," 21st European Conference on Optical Communication, Vol. 2, 1 page					09/17-21/1995
	X	Zou et al., "Compensation of Raman Scattering and EDFA's Nonuniform Gain in Ultra-Long-Distance WDM Links," IEEE Photonics Technology Letters, Vol. 8, No. 1, pp. 139-141					01/1996
	Y	Marhic et al., "Broadband fiber optical parametric amplifiers," Optics Letters, Vol. 21, No. 8, pp. 573-575					04/15/1996
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AC		Vasilyev et al., "Pump Intensity Noise and ASE Spectrum of Raman Amplification in Non-Zero Dispersion-Shifted Fibers," reprinted from the Optical Amplifiers and Their Applications Conference, 2001 Technical Digest, 2001 Optical Society of America, pp. 57-59					2001
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	C	5,504,609	04/02/1996	Alexander et al.	359	125	
	D	5,504,771	04/02/1996	Vahala et al.	372	94	
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	F	5,521,738	05/28/1996	Froberg et al.	359	184	06/30/1994
	G	5,530,710	06/25/1996	Grubb	372	6	
	H	5,532,864	07/02/1996	Alexander et al.	359	177	
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	J	5,542,011	07/30/1996	Robinson	385	24	09/09/1994
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	Z	Pending Patent Application; USSN 10/014,839; entitled "Multi-Stage Optical Amplifier and Broadband Communication System"					Filed 12/10/2001
	AA	Pending Patent Application; USSN 09/990,142; entitled "Broadband Amplifier and Communication System"					Filed 11/20/2001
AB	Pending Patent Application; USSN 10/100,591; entitled "System and Method for Managing System Margin"					Filed 03/15/2002	
AC	Pending Patent Application; USSN 10/100,587; entitled "Fiber Optic Transmission System with Low Cost Transmitter Compensation"					Filed 03/15/2002	
EXAMINER				DATE CONSIDERED			
Deandra M. Hughes				July 30, 2004			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

U.S. PATENT AND TRADEMARK OFFICE

DAL01:743620

PTO-1449		Application No.		Applicant(s) Mohammed N. Islam	
Information Disclosure Citation In an Application		Docket Number 069204.0234	Group Art Unit	Filing Date July 25, 2003	

U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
↑	A	5,577,057	11/19/1996	Frisken	372	18	09/20/1993
	B	5,579,143	11/26/1996	Huber	359	130	
	C	5,600,473	02/04/1997	Huber	359	179	02/24/1995
	D	5,617,434	04/01/1997	Tamura et al.	372	6	
	E	5,623,508	04/22/1997	Grubb et al.	372	3	02/12/1996
	F	5,629,795	05/13/1997	Suzuki et al.	359	337	08/31/1995
	G	5,659,351	08/19/1997	Huber	348	7	
	H	5,659,559	08/19/1997	Ventrudo et al.	372	6	
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	J	5,664,036	09/02/1997	Islam	385	31	10/12/1995
	K	5,673,280	09/30/1997	Grubb et al.	372	3	02/12/1996
	L	5,673,281	09/30/1997	Byer	372	3	
	M	5,689,596	11/18/1997	Evans	385	27	02/13/1997
	N	5,701,186	12/23/1997	Huber	359	125	
	O	5,726,784	03/10/1998	Alexander et al.	359	125	
	P	5,734,665	03/31/1998	Jeon et al.	372	6	09/18/1996
	Q	5,757,541	05/26/1998	Fidric	359	341	01/15/1997
	R	5,768,012	06/16/1998	Zanoni et al.	359	341	03/07/1997
	S	5,790,300	08/04/1998	Zediker et al.	359	334	10/15/1996
	T	5,796,909	08/18/1998	Islam	385	147	02/14/1996
	U	5,798,855	08/25/1998	Alexander et al.	359	177	
	V	5,815,518	09/29/1998	Reed et al.	372	6	06/06/1997
	W	5,825,520	10/20/1998	Huber	359	130	
	X	5,838,700	11/17/1998	Dianov et al.	372	6	
	Y	5,841,797	11/24/1998	Ventrudo et al.	372	6	

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	Z						

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		DATE
AA	Pending Patent Application; USSN 10/116,487; entitled "Fiber Optic Transmission System for a Metropolitan Area Network"	Filed 04/03/2002
AB	Brady et al., "Optical Amplifiers and Lasers in Infrared Fibers," Proceedings of SPIE - The International Society for Optical Engineering, Volume 3849, pgs. 85-92	

EXAMINER DEANDRA M. HUGHES	DATE CONSIDERED July 30, 2004
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U.S. PATENT AND TRADEMARK OFFICE

DAL01:743620

PTO-1449 Information Disclosure Citation In an Application		Application No.		Applicant(s) Mohammed N. Islam	
		Docket Number 069204.0234	Group Art Unit	Filing Date July 25, 2003	

U.S. PATENT DOCUMENTS							
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↑	A	5,847,862	12/08/1998	Chraplyvy et al.	359	337	11/29/1997
	B	5,861,981	01/19/1999	Jabr	359	341	08/20/1997
	C	5,880,866	03/09/1999	Stolen	359	138	11/13/1996
	D	5,883,736	03/16/1999	Oshima et al.	359	341	
	E	5,887,093	03/23/1999	Hansen et al.	385	27	09/12/1997
	F	5,905,838	05/18/1999	Judy et al.	385	123	02/18/1998
	G	5,920,423	07/06/1999	Grubb et al.	359	341	12/05/1997
	H	5,959,750	09/28/1999	Eskildsen et al.	359	134	06/06/1996
	I	5,978,130	11/02/1999	Fee et al.	359	341	09/16/1997
	J	6,008,933	12/28/1999	Grubb et al.	359	341	08/19/1997
	K	6,043,927	03/28/2000	Islam	359	332	01/16/1998
	L	6,072,601	06/06/2000	Toyohara	358	484	02/12/1998
	M	6,081,366	06/27/2000	Kidorf et al.	359	341	08/28/1997
	N	6,088,152	07/11/2000	Berger et al.	359	334	03/08/1999
	O	6,151,160	11/21/2000	Ma et al.	359	341	10/05/1998
	P	6,163,636	12/19/2000	Stentz et al.	385	24	01/19/1999
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	R	6,219,176 B1	04/17/2001	Terhara	359	341	07/21/1998
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	T	6,239,902 B1	05/29/2001	Islam et al.	359	334	05/05/2000
	U	6,239,903 B1	05/29/2001	Islam et al.	359	337	04/25/2000
	V	6,263,139 B1	07/17/2001	Kawakami et al.	385	123	11/09/1999
	W	6,310,716 B1	10/30/2001	Evans et al.	359	334	08/18/2000
	X	6,335,820 B1	01/01/2002	Islam	359	334	12/23/1999
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DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		DATE
AC	PCT International Search Report Form PCT/ISA/210	09/06/1999
AD	PCT International Search Report Form PCT/ISA/210	01/11/2000
AE		

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PTO-1449		Application No.		Applicant(s) Mohammed N. Islam	
Information Disclosure Citation In an Application		Docket Number 069204.0234	Group Art Unit	Filing Date July 25, 2003	

U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	A	6,370,164 B1	04/09/2002	Islam	372	6	04/17/2000
<input checked="" type="checkbox"/>	B	6,374,006 B1	04/16/2002	Islam et al.	385	15	03/19/1999
<input checked="" type="checkbox"/>	C	6,381,391 B1	04/30/2002	Islam et al.	385	123	12/03/1999
<input checked="" type="checkbox"/>	D	6,414,786 B1	07/02/2002	Foursa	359	334	03/27/2000
<input checked="" type="checkbox"/>	E	6,417,959 B1	07/09/2002	Bolshtyansky et al.	359	334	02/01/2001
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FOREIGN PATENT DOCUMENTS							
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	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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EXAMINER <i>DEANDRA M. HUGHES</i>	DATE CONSIDERED <i>JULY 30, 2004</i>
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